

Table 197. Energy Consumption Estimates by Source, Selected Years 1960-1997, New Jersey

Year	Coal ^a Thousand Short Tons	Natural Gas ^b Billion Cubic Feet	Petroleum											Nuclear Electric Power	Hydro-electric Power ^d	Biomass ^e	Other ^{a,f}	Net Inter-state Flow of Electricity/Losses ^g Million kWh	Total ^h
			Asphalt & Road Oil ^a	Aviation Gasoline ^a	Distillate Fuel ^a	Jet Fuel ^a	Kero-sene ^a	LPG ^a	Lubri-cants ^a	Motor Gasoline	Residual Fuel ^a	Other ^{a,c}	Total						
			Thousand Barrels															Million kWh	
1960	6,424	139	4,657	1,147	46,051	2,125	2,468	3,213	1,879	48,706	42,854	12,732	165,832	0	45	-	-	4,034	-
1965	9,034	210	5,340	1,153	53,611	5,280	2,096	4,268	2,052	55,149	42,900	20,461	192,311	0	-31	-	-	5,282	-
1970	4,946	323	5,828	160	63,391	6,705	1,829	6,748	1,952	66,231	80,770	25,007	258,622	3,454	-403	-	-	5,934	-
1975	2,397	244	5,012	92	59,630	6,267	1,211	7,328	1,741	77,617	49,463	26,247	234,608	3,146	-272	-	-	70,001	-
1980	2,634	340	4,369	83	52,854	8,781	1,694	7,383	2,371	72,740	53,617	30,958	234,849	7,627	-282	-	-	74,427	-
1985	3,943	379	4,733	184	40,389	43,910	1,404	7,184	2,158	75,405	23,986	22,278	221,631	17,770	-244	-	-	68,612	-
1986	2,961	353	5,565	159	44,963	39,197	1,223	6,405	2,110	80,692	30,986	27,233	238,532	14,770	-286	-	-	90,455	-
1987	3,434	421	5,312	201	43,820	43,323	1,318	7,721	2,385	81,324	25,218	28,248	238,869	22,697	-309	-	-	65,237	-
1988	3,058	414	4,332	152	46,124	40,820	1,380	7,480	2,300	81,081	23,318	29,372	236,360	23,890	-219	-	-	74,131	-
1989	3,545	457	4,032	128	45,037	44,140	1,537	6,336	2,359	81,405	22,749	29,920	237,643	23,032	NA	-	-	R 73,915	-
1990	3,029	428	3,586	119	34,884	46,377	729	4,295	2,428	78,343	15,364	31,092	217,216	23,770	NA	-	-	R 84,146	-
1991	2,326	463	3,137	100	33,247	43,733	615	6,066	2,172	79,704	17,673	28,919	215,367	24,807	NA	-	-	R 86,826	-
1992	2,348	546	3,378	122	33,601	46,133	820	6,594	2,214	76,633	15,949	30,487	215,933	21,595	NA	-	-	R 98,512	-
1993	2,353	552	8,291	121	34,087	48,161	519	3,722	2,255	70,463	12,813	30,753	211,185	24,932	NA	-	-	95,302	-
1994	1,969	585	5,220	158	37,272	48,376	1,504	3,827	2,357	81,556	13,603	32,373	226,243	22,129	NA	-	-	R 102,231	-
1995	2,074	591	6,151	145	33,032	50,059	1,216	4,062	2,316	82,325	12,700	30,818	222,824	16,806	NA	-	-	R 120,661	-
1996	2,402	603	5,373	114	35,912	43,002	841	3,730	2,248	86,044	9,861	34,430	221,555	11,028	NA	-	-	R 144,090	-
1997	2,867	621	8,214	133	36,317	38,738	1,701	3,768	2,375	88,850	9,348	36,235	225,678	13,908	NA	-	-	127,805	-

Trillion Btu																			
Year	Coal	Natural Gas	Asphalt & Road Oil	Aviation Gasoline	Distillate Fuel	Jet Fuel	Kero-sene	LPG	Lubri-cants	Motor Gasoline	Residual Fuel	Other	Total	Nuclear Electric Power	Hydro-electric Power	Biomass	Other	Net Inter-state Flow of Electricity/Losses	Total
1960	168.8	144.1	30.9	5.8	268.2	11.5	14.0	12.9	11.4	255.9	269.4	75.7	955.7	0.0	0.5	R 20.0	0.0	13.8	R 1,302.9
1965	236.6	219.2	35.4	5.8	312.3	29.4	11.9	17.1	12.4	289.7	269.7	117.3	1,101.1	0.0	-0.3	R 24.0	0.0	18.0	R 1,598.6
1970	123.3	331.2	38.7	0.8	369.3	37.5	10.4	25.5	11.8	347.9	507.8	141.7	1,491.4	37.9	-4.2	R 30.1	0.0	20.2	R 2,030.0
1975	60.5	251.7	33.3	0.5	347.3	35.1	6.9	27.2	10.6	407.7	311.0	149.9	1,329.4	34.6	-2.8	R 33.8	0.0	238.8	R 1,946.0
1980	68.7	351.0	29.0	0.4	307.9	49.3	9.6	27.1	14.4	382.1	337.1	175.0	1,331.9	83.2	-2.9	R 60.7	0.0	253.9	R 2,146.5
1985	103.3	389.1	31.4	0.9	235.3	248.6	8.0	25.9	13.1	396.1	150.8	124.8	1,234.8	192.1	-2.6	R 50.8	0.0	234.1	R 2,201.7
1986	77.9	363.0	36.9	0.8	261.9	221.8	6.9	23.3	12.8	423.9	194.8	153.5	1,336.7	159.5	-3.0	R 44.9	0.0	308.6	R 2,287.7
1987	90.5	432.4	35.2	1.0	255.3	245.2	7.5	28.3	14.5	427.2	158.5	158.1	1,330.8	244.6	-3.2	R 43.8	0.0	222.6	R 2,361.4
1988	81.1	425.0	28.7	0.8	268.7	231.1	7.8	27.3	13.9	425.9	146.6	165.0	1,315.9	256.7	-2.3	R 45.5	0.0	252.9	R 2,374.9
1989	94.0	469.0	26.8	0.6	262.3	249.9	8.7	23.3	14.3	427.6	143.0	167.9	1,324.6	247.0	R ⁱ -2.5	R ⁱ 44.3	R ⁱ 0.4	R 252.2	R ⁱ 2,428.8
1990	80.9	439.0	23.8	0.6	203.2	262.6	4.1	15.6	14.7	411.5	96.6	173.8	1,206.6	253.9	-1.2	R 29.7	R 0.4	287.1	R 2,296.2
1991	62.0	475.5	20.8	0.5	193.7	247.0	3.5	21.9	13.2	418.7	111.1	162.8	1,193.1	266.4	-1.4	R 28.7	R 0.4	R 296.3	R 2,320.9
1992	62.8	560.5	22.4	0.6	195.7	261.2	4.7	23.9	13.4	402.6	100.3	170.4	1,195.1	230.6	-1.2	R 30.1	0.4	336.1	R 2,414.4
1993	62.7	571.8	55.0	0.6	198.6	272.8	2.9	13.4	13.7	370.1	80.6	172.3	1,180.0	266.3	-1.1	R 32.5	0.4	325.2	R 2,437.8
1994	52.4	607.7	34.6	0.8	217.1	274.2	8.5	13.9	14.3	428.4	85.5	181.5	1,258.9	236.3	-1.6	R 32.6	R 0.5	348.8	R 2,535.2
1995	55.0	610.9	40.8	0.7	192.4	283.8	6.9	14.7	14.0	432.5	79.8	172.7	1,238.4	179.1	-0.9	R 35.8	R 0.5	R 411.7	R 2,529.7
1996	62.4	624.6	35.7	0.6	209.2	243.8	4.8	13.5	13.6	452.0	62.0	192.9	1,228.0	117.1	-1.0	R 38.0	R 0.6	R 491.6	R 2,560.6
1997	75.0	642.8	54.5	0.7	211.5	219.6	9.6	13.6	14.4	466.7	58.8	203.5	1,253.0	147.7	-0.9	32.0	0.6	436.1	2,585.4

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c "Other" is the subtotal of 16 petroleum products consumed in the industrial sector. See a full description in Appendix A, Section 4, "Other Petroleum Products."

^d If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.

^e "Biomass" is wood, waste, and ethanol. Ethanol blended into motor gasoline is included in motor gasoline and total petroleum. It is also included in the biomass series to give complete biomass data, but it is counted only once in the energy total.

^f "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.

^g Net interstate flow of electricity is the difference between the amount of energy in the electricity sold within a State (including associated losses) and the energy input at the electric utilities within the State. A positive number

indicates that more electricity (including associated losses) came into the State than went out of the State during the year; conversely, a negative number indicates that more electricity (including associated losses) went out of the State than came into the State.

^h From 1989, "Total" does not equal the sum of the columns. Ethanol (which is shown in the transportation sector table) is included in both motor gasoline and biomass data in this table but only once in the total. Net imports of electricity generated from nonrenewable energy sources (shown in appendix Table A8) is included in the total in this table but not in any other columns.

ⁱ There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

kWh=kilowatt-hours. R=Revised data. - =Not applicable. NA=Not available.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 198. Residential Energy Consumption Estimates, Selected Years 1960-1997, New Jersey

Year	Coal			Natural Gas ^b	Petroleum				Wood	Geothermal	Solar ^c	Electricity ^a	Net Energy	Electrical System Energy Losses ^d	Total
	Bituminous Coal and Lignite ^a	Anthracite ^a	Total		Distillate Fuel ^a	Kerosene ^a	LPG ^a	Total						Million Kilowatthours	
	Thousand Short Tons			Billion Cubic Feet	Thousand Barrels				Thousand Cords	Million Kilowatthours	Net Energy	Million Kilowatthours			
1960	23	232	255	75	25,587	1,200	737	27,524	R 353	-	-	5,080	-	12,635	-
1965	12	146	158	114	29,038	969	672	30,679	R 338	-	-	7,410	-	17,692	-
1970	1	89	90	140	32,933	769	834	34,536	R 503	-	-	12,131	-	29,398	-
1975	1	47	47	129	30,655	431	964	32,050	R 550	-	-	14,495	-	34,964	-
1980	0	34	34	136	23,976	262	777	25,015	R 1,956	-	-	16,329	-	39,707	-
1985	4	58	62	151	18,071	907	918	19,896	R 1,331	-	-	17,177	-	40,356	-
1986	1	36	36	158	17,268	644	1,025	18,937	R 1,296	-	-	18,089	-	41,609	-
1987	0	17	17	169	17,440	513	1,108	19,061	R 1,241	-	-	19,308	-	44,118	-
1988	0	14	14	182	17,480	472	1,351	19,303	R 1,289	-	-	20,656	-	46,700	-
1989	(s)	8	9	196	15,926	570	1,303	17,800	R 1,337	-	-	20,695	-	R 46,497	-
1990	(s)	7	8	172	11,498	295	899	12,692	647	-	-	20,498	-	R 44,834	-
1991	(s)	6	7	177	11,069	329	1,108	12,505	R 682	-	-	21,539	-	R 46,888	-
1992	1	7	8	198	11,201	273	1,317	12,790	717	-	-	20,547	-	R 43,888	-
1993	0	5	5	196	11,535	223	1,391	13,149	R 764	-	-	22,042	-	46,570	-
1994	0	6	6	217	12,340	291	1,304	13,935	R 749	-	-	22,154	-	R 46,228	-
1995	0	4	4	194	11,647	236	1,548	13,431	R 832	-	-	22,470	-	R 46,811	-
1996	0	5	5	223	12,344	284	1,606	14,233	R 830	-	-	22,632	-	R 47,102	-
1997	0	4	4	217	11,723	292	1,606	13,621	604	-	-	22,286	-	46,284	-

Trillion Btu

1960	0.6	5.7	6.3	77.7	149.0	6.8	3.0	158.8	R 7.1	0.0	0.0	17.3	R 267.2	43.1	R 310.4
1965	0.3	3.5	3.8	119.6	169.1	5.5	2.7	177.3	R 6.8	0.0	0.0	25.3	R 332.8	60.4	R 393.1
1970	(s)	2.1	2.1	143.9	191.8	4.4	3.2	199.3	R 10.1	0.0	0.0	41.4	R 396.8	100.3	R 497.1
1975	(s)	1.0	1.1	133.4	178.6	2.4	3.6	184.6	R 11.0	0.0	0.0	49.5	R 379.5	119.3	R 498.8
1980	0.0	0.8	0.8	140.9	139.7	1.5	2.9	144.0	R 39.1	0.0	0.0	55.7	R 380.5	135.5	R 516.0
1985	0.1	1.3	1.4	154.3	105.3	5.1	3.3	113.7	R 26.6	0.0	0.0	58.6	R 354.6	137.7	R 492.3
1986	(s)	0.9	0.9	162.4	100.6	3.7	3.7	108.0	R 25.9	0.0	0.0	61.7	R 358.9	142.0	R 500.8
1987	0.0	0.5	0.5	172.8	101.6	2.9	4.1	108.5	R 24.8	0.0	0.0	65.9	R 372.5	150.5	R 523.0
1988	0.0	0.4	0.4	186.0	101.8	2.7	4.9	109.4	R 25.8	0.0	0.0	70.5	R 392.1	159.3	R 551.5
1989	(s)	0.2	0.2	200.4	92.8	3.2	4.8	100.8	R 26.7	e 0.1	R e 0.3	70.6	R e 399.2	158.6	R e 557.8
1990	(s)	0.2	0.2	176.0	67.0	1.7	3.3	71.9	12.9	0.1	0.3	69.9	R 331.4	153.0	R 484.3
1991	(s)	0.2	0.2	181.1	64.5	1.9	4.0	70.3	13.6	0.1	0.3	73.5	R 339.1	160.0	R 499.1
1992	(s)	0.2	0.2	203.5	65.2	1.5	4.8	71.6	14.3	0.1	0.4	70.1	R 360.1	149.7	R 509.9
1993	0.0	0.1	0.1	202.6	67.2	1.3	5.0	73.5	15.3	0.1	0.4	75.2	R 367.2	158.9	R 526.1
1994	0.0	0.2	0.2	225.4	71.9	1.7	4.7	78.3	15.0	0.1	0.4	75.6	394.9	157.7	552.6
1995	0.0	0.1	0.1	201.1	67.8	1.3	5.6	74.8	R 16.6	0.1	0.4	76.7	369.8	159.7	529.5
1996	0.0	0.1	0.1	230.8	71.9	1.6	5.8	79.3	R 16.6	0.1	0.5	77.2	404.6	160.7	565.3
1997	0.0	0.1	0.1	224.5	68.3	1.7	5.8	75.8	12.1	0.1	0.5	76.0	389.0	157.9	547.0

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c Includes small amounts of solar energy consumed by the commercial sector that cannot be separately identified. See Appendix A, Section 5, for explanation of estimation methodology.

^d Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of

non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

- =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 199. Commercial Energy Consumption Estimates, Selected Years 1960-1997, New Jersey

Year	Coal			Natural Gas ^b	Petroleum						Wood	Geothermal	Electricity ^a		Electrical System Energy Losses ^c		Total ^d
	Bituminous Coal and Lignite ^a	Anthracite ^a	Total		Distillate Fuel ^a	Kerosene ^a	LPG ^a	Motor Gasoline	Residual Fuel ^a	Total			Million Kilowatthours	Net Energy	Million Kilowatthours	Total ^d	
	Thousand Short Tons				Billion Cubic Feet	Thousand Barrels							Thousand Cords	Million Kilowatthours	Net Energy	Million Kilowatthours	
1960	42	155	197	10	8,640	466	130	308	7,117	16,661	R 7	—	4,391	—	10,922	—	
1965	23	97	120	20	9,805	377	119	420	7,473	18,194	R 6	—	6,945	—	R 16,582	—	
1970	2	59	61	56	11,121	299	147	613	11,415	23,595	R 9	—	R 10,799	—	R 26,170	—	
1975	1	31	32	53	10,351	168	170	634	6,484	17,807	R 10	—	R 13,849	—	R 33,405	—	
1980	0	22	22	60	9,167	39	137	297	10,950	20,590	R 47	—	R 16,878	—	R 41,041	—	
1985	7	39	46	83	5,638	77	162	660	3,128	9,665	NA	—	R 20,903	—	R 49,109	—	
1986	1	24	25	86	8,889	108	181	652	2,717	12,546	NA	—	R 22,169	—	R 50,994	—	
1987	0	12	12	94	7,787	109	196	666	2,390	11,148	NA	—	R 23,659	—	R 54,059	—	
1988	0	10	10	101	7,899	116	238	647	2,854	11,755	NA	—	R 25,512	—	R 57,678	—	
1989	1	6	6	117	8,167	264	230	670	1,795	11,125	NA	—	R 26,830	—	R 60,281	—	
1990	1	5	5	116	6,916	178	159	754	1,480	9,487	NA	—	R 27,201	—	R 59,494	—	
1991	(s)	4	4	121	6,559	192	195	692	1,607	9,244	NA	—	R 27,992	—	R 60,936	—	
1992	2	5	7	131	6,364	389	232	613	1,371	8,970	NA	—	R 27,764	—	R 59,304	—	
1993	0	3	3	129	5,605	160	245	77	1,997	8,084	R 61	—	R 28,862	—	R 60,979	—	
1994	0	4	4	132	4,983	615	230	84	2,109	8,022	R 63	—	R 29,727	—	R 62,033	—	
1995	0	3	3	139	3,357	566	273	78	1,257	5,531	R 63	—	R 30,170	—	R 62,854	—	
1996	0	3	3	150	5,015	243	283	77	1,303	6,922	R 68	—	R 30,520	—	R 63,518	—	
1997	0	2	2	169	3,515	750	283	79	810	5,437	59	—	30,127	—	62,568	—	

Trillion Btu

1960	1.0	3.8	4.9	10.7	50.3	2.6	0.5	1.6	44.7	99.9	R 0.1	0.0	15.0	R 130.5	37.3	R 167.8
1965	0.6	2.4	2.9	21.1	57.1	2.1	0.5	2.2	47.0	108.9	R 0.1	0.0	23.7	R 156.8	56.6	R 213.4
1970	(s)	1.4	1.4	57.4	64.8	1.7	0.6	3.2	71.8	142.0	R 0.2	0.0	R 36.8	R 237.9	R 89.3	R 327.2
1975	(s)	0.7	0.7	55.0	60.3	1.0	0.6	3.3	40.8	106.0	R 0.2	0.0	47.3	R 209.2	114.0	R 323.1
1980	0.0	0.5	0.5	62.5	53.4	0.2	0.5	1.6	68.8	124.5	R 0.9	0.0	57.6	R 246.0	140.0	R 386.1
1985	0.2	0.9	1.1	85.3	32.8	0.4	0.6	3.5	19.7	57.0	NA	0.0	71.3	214.7	167.6	382.3
1986	(s)	0.6	0.6	88.0	51.8	0.6	0.7	3.4	17.1	73.6	NA	0.0	R 75.6	237.8	R 174.0	R 411.8
1987	0.0	0.3	0.3	96.8	45.4	0.6	0.7	3.5	15.0	65.2	NA	0.0	R 80.7	R 243.0	R 184.5	R 427.5
1988	0.0	0.2	0.2	103.9	46.0	0.7	0.9	3.4	17.9	68.9	NA	0.0	R 87.0	R 260.0	R 196.8	R 456.8
1989	(s)	0.2	0.2	120.3	47.6	1.5	0.8	3.5	11.3	64.7	NA	0.0	R 91.5	R 276.7	R 205.7	R 482.4
1990	(s)	0.1	0.1	118.5	40.3	1.0	0.6	4.0	9.3	55.1	NA	0.0	R 92.8	266.6	R 203.0	R 469.6
1991	(s)	0.1	0.1	124.3	38.2	1.1	0.7	3.6	10.1	53.7	NA	0.0	R 95.5	R 273.6	R 207.9	R 481.5
1992	(s)	0.1	0.2	134.2	37.1	2.2	0.8	3.2	8.6	52.0	NA	0.0	R 94.7	281.1	R 202.3	R 483.4
1993	0.0	0.1	0.1	133.6	32.6	0.9	0.9	0.4	12.6	47.4	R 1.2	0.0	R 98.5	R 280.8	R 208.1	R 488.8
1994	0.0	0.1	0.1	137.2	29.0	3.5	0.8	0.4	13.3	47.1	R 1.3	0.0	R 101.4	R 287.0	R 211.7	R 498.7
1995	0.0	0.1	0.1	143.7	19.6	3.2	1.0	0.4	7.9	32.1	R 1.3	0.0	R 102.9	R 280.1	R 214.5	R 494.5
1996	0.0	0.1	0.1	156.0	29.2	1.4	1.0	0.4	8.2	40.2	R 1.4	0.0	R 104.1	R 301.7	R 216.7	R 518.5
1997	0.0	0.1	0.1	174.6	20.5	4.3	1.0	0.4	5.1	31.3	1.2	0.0	102.8	309.9	213.5	523.4

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^d Small amounts of solar energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

R=Revised data.

— =Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 200. Industrial Energy Consumption Estimates, Selected Years 1960-1997, New Jersey

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum									Hydro-electric Power ^b Million kWh	Wood and Waste	Other ^{b,d}	Electricity ^b		Electrical System Energy Losses ^e Million kWh	Total
			Asphalt and Road Oil ^b	Distillate Fuel ^b	Kero-sene ^b	LPG ^b	Lubri-cants ^b	Motor Gasoline	Residual Fuel ^b	Other ^{b,c}	Total				Million kWh	Net Energy		
			Thousand Barrels															
1960	2,368	28	4,657	6,719	802	2,340	1,194	612	18,822	12,732	47,878	10	-	-	8,021	-	19,952	-
1965	1,921	52	5,340	8,423	750	3,438	1,433	532	17,049	20,461	57,426	4	-	-	11,519	-	27,503	-
1970	740	80	5,828	9,560	761	5,665	1,379	401	22,609	25,007	71,209	4	-	-	15,215	-	36,872	-
1975	67	52	5,012	7,963	612	6,096	1,136	233	14,809	26,247	62,108	4	-	-	14,562	-	35,126	-
1980	33	63	4,369	7,339	1,393	6,429	1,658	147	17,694	30,958	69,988	3	-	-	16,345	-	39,745	-
1985	359	81	4,733	2,539	420	5,994	1,509	462	4,851	22,278	42,786	3	-	-	15,657	-	36,784	-
1986	263	70	5,565	3,430	470	5,097	1,476	466	5,360	27,233	49,097	3	-	-	15,631	-	35,955	-
1987	324	80	5,312	2,967	696	6,336	1,668	517	6,125	28,248	51,868	3	-	-	15,665	-	35,792	-
1988	261	78	4,332	3,199	793	5,803	1,609	524	5,266	29,372	50,897	3	-	-	15,844	-	35,819	-
1989	286	85	4,032	3,474	703	4,719	1,650	500	4,103	29,920	49,102	f NA	-	-	15,713	-	R 35,305	-
1990	276	90	3,586	2,907	256	3,163	1,698	460	3,673	31,092	46,833	NA	-	-	15,041	-	R 32,898	-
1991	234	101	3,137	2,529	95	4,693	1,519	420	3,146	28,919	44,459	NA	-	-	15,031	-	R 32,721	-
1992	215	175	3,378	2,001	158	4,969	1,549	423	3,114	30,487	46,080	NA	-	-	14,687	-	R 31,372	-
1993	222	189	8,291	2,074	136	2,005	1,577	542	2,615	30,753	47,994	NA	-	-	14,596	-	30,838	-
1994	72	191	5,220	2,228	597	2,157	1,648	556	2,527	32,373	47,307	NA	-	-	14,251	-	R 29,738	-
1995	13	209	6,151	1,931	414	2,172	1,620	602	1,930	30,818	45,639	NA	-	-	13,989	-	R 29,143	-
1996	7	201	5,373	1,954	314	1,781	1,572	597	1,689	34,430	47,711	NA	-	-	13,603	-	R 28,310	-
1997	10	202	8,214	1,846	658	1,824	1,661	628	1,384	36,235	52,450	NA	-	-	13,369	-	27,764	-

Trillion Btu

1960	61.2	28.7	30.9	39.1	4.5	9.4	7.2	3.2	118.3	75.7	288.5	0.1	R 12.8	0.0	27.4	R 418.7	68.1	R 486.8
1965	49.0	54.6	35.4	49.1	4.3	13.8	8.7	2.8	107.2	117.3	338.5	(s)	R 17.1	0.0	39.3	R 498.6	93.8	R 592.4
1970	18.6	81.9	38.7	55.7	4.3	21.4	8.4	2.1	142.1	141.7	414.4	(s)	R 19.9	0.0	51.9	R 586.8	125.8	R 712.6
1975	1.6	54.0	33.3	46.4	3.5	22.6	6.9	1.2	93.1	149.9	356.9	(s)	R 22.6	0.0	49.7	R 484.7	119.9	R 604.6
1980	0.8	64.9	29.0	42.7	7.9	23.6	10.1	0.8	111.2	175.0	400.3	(s)	R 20.6	0.0	55.8	R 542.5	135.6	R 678.1
1985	8.8	83.0	31.4	14.8	2.4	21.6	9.2	2.4	30.5	124.8	237.1	(s)	R 24.2	0.0	53.4	R 406.5	125.5	R 532.0
1986	6.6	71.5	36.9	20.0	2.7	18.6	8.9	2.5	33.7	153.5	276.7	(s)	R 19.0	0.0	53.3	R 427.3	122.7	R 550.0
1987	8.2	81.7	35.2	17.3	3.9	23.2	10.1	2.7	38.5	158.1	289.1	(s)	R 18.9	0.0	53.4	R 451.5	122.1	R 573.6
1988	6.6	79.5	28.7	18.6	4.5	21.2	9.8	2.8	33.1	165.0	283.7	(s)	R 19.7	0.0	54.1	R 443.6	122.2	R 565.8
1989	7.2	86.9	26.8	20.2	4.0	17.4	10.0	2.6	25.8	167.9	274.7	R f 0.2	R f 17.4	f 0.0	53.6	R f 440.0	R 120.5	R f 560.5
1990	7.0	92.7	23.8	16.9	1.5	11.5	10.3	2.4	23.1	173.8	263.3	0.3	R 16.6	0.0	51.3	R 431.2	112.2	R 543.4
1991	5.9	103.3	20.8	14.7	0.5	17.0	9.2	2.2	19.8	162.8	247.0	0.2	R 15.0	0.0	51.3	R 422.7	111.6	R 534.3
1992	5.4	179.0	22.4	11.7	0.9	18.0	9.4	2.2	19.6	170.4	254.5	0.2	R 15.7	0.0	50.1	R 505.0	107.0	R 612.0
1993	5.6	195.7	55.0	12.1	0.8	7.2	9.6	2.8	16.4	172.3	276.3	0.2	R 15.9	0.0	49.8	R 543.5	105.2	R 648.7
1994	1.8	198.3	34.6	13.0	3.4	7.8	10.0	2.9	15.9	181.5	269.2	0.2	R 16.0	0.0	48.6	R 534.1	101.5	R 635.6
1995	0.3	216.2	40.8	11.2	2.3	7.9	9.8	3.2	12.1	172.7	260.1	0.1	R 17.0	0.0	47.7	R 541.4	99.4	R 640.8
1996	0.2	208.3	35.7	11.4	1.8	6.4	9.5	3.1	10.6	192.9	271.5	0.2	R 19.2	0.0	46.4	R 545.8	96.6	R 642.4
1997	0.3	209.5	54.5	10.8	3.7	6.6	10.1	3.3	8.7	203.5	301.1	0.5	17.9	0.0	45.6	574.8	94.7	669.5

^a Includes supplemental gaseous fuels.

^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^c "Other" is the subtotal of 16 petroleum products. See a full description in Appendix A, Section 4, "Other Petroleum Products."

^d "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.

^e Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

kWh=kilowatthours. --=Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 201. Transportation Energy Consumption Estimates, Selected Years 1960-1997, New Jersey

Year	Coal ^a	Natural Gas ^b	Petroleum								Ethanol ^c	Electricity ^a	Net Energy	Electrical System Energy Losses ^d	Total ^c
			Aviation Gasoline ^a	Distillate Fuel ^a	Jet Fuel ^a	LPG ^a	Lubricants ^a	Motor Gasoline	Residual Fuel ^a	Total				Million Kilowatthours	
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Thousand Gallons	Million Kilowatthours	Million Kilowatthours		
1960	40	1	1,147	4,748	2,125	6	685	47,786	5,754	62,252	0	4	-	9	-
1965	6	(s)	1,153	5,964	5,280	40	619	54,198	6,431	73,684	0	4	-	R 10	-
1970	1	1	160	8,558	6,705	102	574	65,217	9,081	90,396	0	R 39	-	R 95	-
1975	(s)	(s)	92	8,907	5,777	98	605	76,750	4,246	96,475	0	R 43	-	R 105	-
1980	0	(s)	83	10,243	8,088	40	713	72,296	12,053	103,516	0	R 33	-	R 80	-
1985	0	2	184	13,470	43,910	111	649	74,283	11,010	143,615	0	R 95	-	R 224	-
1986	0	3	159	14,680	39,197	102	634	79,574	14,420	148,766	0	R 105	-	R 240	-
1987	0	3	201	14,603	43,323	81	717	80,141	12,032	151,097	0	R 114	-	R 261	-
1988	0	3	152	15,889	40,820	88	691	79,910	7,651	145,201	0	R 99	-	R 225	-
1989	0	4	128	15,347	44,140	83	709	80,235	8,992	149,634	R e 912	R 121	-	R 272	-
1990	0	3	119	12,950	46,377	75	730	77,129	7,374	144,754	1,054	R 117	-	R 256	-
1991	0	3	100	12,515	43,733	69	653	78,592	10,203	145,866	835	R 120	-	R 261	-
1992	0	4	122	13,718	46,133	76	666	75,597	9,688	146,000	1,015	R 124	-	R 264	-
1993	0	3	121	14,486	48,161	80	678	69,845	6,492	139,863	1,133	R 121	-	R 256	-
1994	0	3	158	17,082	48,376	135	708	80,915	6,376	153,751	3,951	R 126	-	R 262	-
1995	0	2	145	15,732	50,059	69	696	81,644	8,174	156,519	12,012	R 125	-	R 260	-
1996	0	3	114	16,176	43,002	59	676	85,370	6,111	151,507	10,150	R 135	-	R 281	-
1997	0	3	133	18,882	38,738	54	714	88,143	6,802	153,465	11,901	132	-	274	-

Trillion Btu

1960	1.0	0.6	5.8	27.7	11.5	(s)	4.2	251.0	36.2	336.3	0.0	(s)	337.9	(s)	338.0
1965	0.2	0.5	5.8	34.7	29.4	0.2	3.8	284.7	40.4	399.0	0.0	(s)	399.6	(s)	399.7
1970	(s)	1.0	0.8	49.8	37.5	0.4	3.5	342.6	57.1	491.7	0.0	0.1	492.8	0.3	493.1
1975	(s)	0.4	0.5	51.9	32.3	0.4	3.7	403.2	26.7	518.6	0.0	0.1	519.1	0.4	519.5
1980	0.0	0.5	0.4	59.7	45.4	0.1	4.3	379.8	75.8	565.5	0.0	0.1	566.1	0.3	566.3
1985	0.0	2.3	0.9	78.5	248.6	0.4	3.9	390.2	69.2	791.7	0.0	0.3	794.3	R 0.8	R 795.1
1986	0.0	2.9	0.8	85.5	221.8	0.4	3.8	418.0	90.7	821.0	0.0	R 0.4	R 824.3	R 0.8	R 825.1
1987	0.0	3.5	1.0	85.1	245.2	0.3	4.3	421.0	75.6	832.6	0.0	R 0.4	836.4	R 0.9	R 837.3
1988	0.0	2.9	0.8	92.6	231.1	0.3	4.2	419.8	48.1	796.8	0.0	0.3	800.0	R 0.8	R 800.8
1989	0.0	4.1	0.6	89.4	249.9	0.3	4.3	421.5	56.5	822.6	R e 0.1	R 0.4	R e 827.1	R 0.9	R e 828.0
1990	0.0	2.7	0.6	75.4	262.6	0.3	4.4	405.2	46.4	794.9	0.1	R 0.4	797.9	R 0.9	R 798.8
1991	0.0	3.0	0.5	72.9	247.0	0.3	4.0	412.8	64.1	801.6	0.1	0.4	R 805.0	R 0.9	R 805.9
1992	0.0	3.7	0.6	79.9	261.2	0.3	4.0	397.1	60.9	804.0	0.1	0.4	808.1	R 0.9	R 809.0
1993	0.0	3.0	0.6	84.4	272.8	0.3	4.1	366.9	40.8	769.9	0.1	R 0.4	R 773.3	R 0.9	R 774.2
1994	0.0	2.6	0.8	99.5	274.2	0.5	4.3	425.0	40.1	844.4	0.3	R 0.4	847.4	R 0.9	R 848.3
1995	0.0	2.6	0.7	91.6	283.8	0.2	4.2	428.9	51.4	860.9	0.9	R 0.4	R 863.9	R 0.9	R 864.8
1996	0.0	3.2	0.6	94.2	243.8	0.2	4.1	448.4	38.4	829.8	0.8	R 0.5	R 833.5	R 1.0	R 834.4
1997	0.0	3.5	0.7	110.0	219.6	0.2	4.3	463.0	42.8	840.6	0.9	0.5	844.6	0.9	845.5

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels. Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, is also gas consumed as vehicle fuel.

^c Ethanol blended into motor gasoline, which is accounted for under motor gasoline, is shown separately here to display the use of renewable energy by the transportation sector and is included only once in the total.

^d Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

- =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 202. Estimates of Energy Input at Electric Utilities, Selected Years 1960-1997, New Jersey

Year	Coal			Natural Gas ^a	Petroleum				Nuclear Electric Power	Hydroelectric Power ^e	Wood and Waste	Geothermal Energy	Other ^{b,f}	Total ^g
	Bituminous Coal and Lignite	Anthracite	Total		Heavy Oil ^{b,c}	Light Oil ^{b,d}	Petroleum Coke ^b	Total						
	Thousand Short Tons				Thousand Barrels									
1960	3,563	1	3,565	25	11,160	357	0	11,518	0	35	0	0	0	-
1965	6,829	(s)	6,829	22	11,947	382	0	12,329	0	-35	0	0	0	-
1970	4,054	0	4,054	46	37,665	1,220	0	38,885	3,454	-407	0	0	0	-
1975	2,250	0	2,250	9	23,924	2,244	0	26,168	3,146	-276	0	0	0	-
1980	2,545	0	2,545	80	12,919	2,821	0	15,740	7,627	-286	0	0	0	-
1985	3,476	0	3,476	61	4,997	671	0	5,668	17,770	-247	0	0	0	-
1986	2,637	0	2,637	37	8,489	697	0	9,186	14,770	-289	0	0	0	-
1987	3,081	0	3,081	75	4,671	1,024	0	5,695	22,697	-312	0	0	0	-
1988	2,773	0	2,773	51	7,547	1,657	0	9,204	23,890	-222	0	0	0	-
1989	3,244	0	3,244	55	7,859	2,123	0	9,982	23,032	-261	0	0	0	-
1990	2,740	0	2,740	48	2,836	613	0	3,450	23,770	-150	0	0	0	-
1991	2,081	0	2,081	62	2,717	576	0	3,293	24,807	-155	0	0	0	-
1992	2,118	0	2,118	39	1,775	317	0	2,092	21,595	-138	0	0	0	-
1993	2,123	0	2,123	36	1,708	387	0	2,095	24,932	-123	0	0	0	-
1994	1,887	0	1,887	43	2,590	639	0	3,229	22,129	-167	0	0	0	-
1995	2,054	0	2,054	46	1,339	366	0	1,704	16,806	-95	0	0	0	-
1996	2,387	0	2,387	26	759	423	0	1,182	11,028	-114	0	0	0	-
1997	2,851	0	2,851	30	352	352	0	705	13,908	-130	0	0	0	-

Trillion Btu

1960	95.4	(s)	95.4	26.4	70.2	2.1	0.0	72.2	0.0	0.4	0.0	0.0	0.0	194.4
1965	180.7	(s)	180.7	23.4	75.1	2.2	0.0	77.3	0.0	-0.4	0.0	0.0	0.0	281.1
1970	101.1	0.0	101.1	47.1	236.8	7.1	0.0	243.9	37.9	-4.3	0.0	0.0	0.0	425.8
1975	57.2	0.0	57.2	8.8	150.4	13.0	0.0	163.4	34.6	-2.9	0.0	0.0	0.0	261.2
1980	66.6	0.0	66.6	82.2	81.2	16.3	0.0	97.5	83.2	-3.0	0.0	0.0	0.0	326.6
1985	92.0	0.0	92.0	64.2	31.4	3.9	0.0	35.3	192.1	-2.6	0.0	0.0	0.0	381.1
1986	69.8	0.0	69.8	38.2	53.4	4.1	0.0	57.4	159.5	-3.0	0.0	0.0	0.0	321.9
1987	81.6	0.0	81.6	77.6	29.4	6.0	0.0	35.3	244.6	-3.3	0.0	0.0	0.0	435.8
1988	73.9	0.0	73.9	52.8	47.4	9.7	0.0	57.1	256.7	-2.3	0.0	0.0	0.0	438.1
1989	86.4	0.0	86.4	57.2	49.4	12.4	0.0	61.8	247.0	-2.7	0.0	0.0	0.0	449.7
1990	73.6	0.0	73.6	49.1	17.8	3.6	0.0	21.4	253.9	-1.6	0.0	0.0	0.0	396.4
1991	55.8	0.0	55.8	63.9	17.1	3.4	0.0	20.4	266.4	-1.6	0.0	0.0	0.0	404.9
1992	57.0	0.0	57.0	40.1	11.2	1.8	0.0	13.0	230.6	-1.4	0.0	0.0	0.0	339.3
1993	56.9	0.0	56.9	36.8	10.7	2.3	0.0	13.0	266.3	-1.3	0.0	0.0	0.0	371.8
1994	50.4	0.0	50.4	44.1	16.3	3.7	0.0	20.0	236.3	-1.7	0.0	0.0	0.0	349.0
1995	54.6	0.0	54.6	47.3	8.4	2.1	0.0	10.5	179.1	-1.0	0.0	0.0	0.0	290.6
1996	62.0	0.0	62.0	26.3	4.8	2.5	0.0	7.2	117.1	-1.2	0.0	0.0	0.0	211.6
1997	74.6	0.0	74.6	30.6	2.2	2.1	0.0	4.3	147.7	-1.3	0.0	0.0	0.0	255.9

^a Includes supplemental gaseous fuels.

^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^c Prior to 1980, based on oil used in steam plants. Since 1980, heavy oil includes fuel oil nos. 4, 5, and 6 and residual fuel oils.

^d Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. Since 1980, light oil includes fuel oil nos. 1 and 2, kerosene, and jet fuel.

^e If applicable, through 1989, includes all net imports of electricity, and, from 1990, includes only the portion of imports of electricity that is derived from hydroelectric power.

^f "Other" is electricity generated for distribution from wind, photovoltaic, and solar thermal energy.

^g If applicable, from 1990, includes net imports of electricity generated from nonrenewable energy sources not shown in other columns. See data in appendix Table A8.

- =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.